

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Offic**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231*Haw*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/807,503 04/16/01 BUBBLEWITZ

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IM52/0813

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EXAMINER

DOOLEY, C

ART UNIT

PAPER NUMBER

1723

DATE MAILED:

08/13/01

*4***Please find below and/or attached an Office communication concerning this application or proceeding.****Commissioner of Patents and Trad marks**

Office Action Summary

Application No. 09/807,503	Applicant(s) Bublewitz et al.
Examiner Charles Cooley	Art Unit 1723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 16 Apr 2001.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 10-33 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 10-33 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) Notice of References Cited (PTO-892) 18) Interview Summary (PTO-413) Paper No(s). _____
- 16) Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) Notice of Informal Patent Application (PTO-152)
- 17) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 20) Other: _____

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OFFICE ACTION

1. This application has been assigned to Technology Center 1700, Art Unit 1723

and the following will apply for this application:

a. Please direct all written correspondence with the correct application

serial number for this application to Art Unit 1723.

b. Telephone inquiries regarding this application should be directed to the

Technology Center 1700 receptionist at ☎(703) 308-0651 or to the Examiner at ☎(703)

308-0112. Official facsimile correspondence filed before a final office action should be

transmitted to ☎(703) 872-9310. Official facsimile correspondence which responds to a

final office action should be transmitted to ☎(703) 872-9311.

Official facsimile correspondence which responds to a final office action should be

transmitted to ☎(703) 872-9311.

Priority

2. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-

(d). All of the CERTIFIED copies of the priority documents have been received in this

national stage application from the International Bureau (PCT Rule 17.2(a)).

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Drawings

3. Applicant should verify that (1) all reference characters in the drawings are described in the detailed description portion of the specification and (2) all reference characters mentioned in the specification are included in the appropriate drawing Figure(s) as required by 37 CFR 1.84(p)(5).

Specification

4. The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.
5. The abstract is acceptable.
6. The title is acceptable.

Claim Rejections - 35 U.S.C. § 112, second paragraph

7. Claims 10-33 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1: A broad range or limitation together with a narrow range or limitation that falls within the broad range or limitation (in the same claim) is considered indefinite, since the resulting claim does not clearly set forth the metes and bounds of

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the patent protection desired. Note the explanation given by the Board of Patent Appeals and Interferences in *Ex parte Wu*, 10 USPQ2d 2031, 2033 (Bd. Pat. App. & Inter. 1989), as to where broad language is followed by "such as" and then narrow language. The Board stated that this can render a claim indefinite by raising a question or doubt as to whether the feature introduced by such language is (a) merely exemplary of the remainder of the claim, and therefore not required, or (b) a required feature of the claims. Note also, for example, the decisions of *Ex parte Steigewald*, 131 USPQ 74 (Bd. App. 1961); *Ex parte Hall*, 83 USPQ 38 (Bd. App. 1948); and *Ex parte Hasche*, 86 USPQ 481 (Bd. App. 1949). In the present instance, the preamble of claim 10 recites the broad recitation "two pasty substances", and the claim also recites "in particular a dental impression substance with a catalyst substance" which is the narrower statement of the range/limitation.

Claim 10, line 18 is worded in an awkward and confusing manner - are the inlet openings disposed radially with respect to the tubular section or some other arrangement?

Claims 14, 15, and 16 recite "90° to 180°" which does not agree with the angular range of "180° to 90°" recited on page 3, line 25 of the specification. The claims must be consistent with the specification.

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Claim 14, line 1: "the two deflection elements" lacks antecedent basis.

Claim 15, line 1: "the two deflection elements" lacks antecedent basis.

Claim 19 recites "the at least one deflection element" yet the claim from which claim 19 depends recites two deflection elements rendering the scope of these claims inconsistent.

8. Each pending claim should be thoroughly reviewed such that these and any other informalities are corrected so the claims may particularly point out and distinctly claim the subject matter which applicant regards as the invention, as required by 35 U.S.C. § 112, second paragraph.

Claim Rejections - 35 U.S.C. § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. Claims 10-20 are rejected under 35 U.S.C. § 102(b) as being anticipated by Magester.

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The patent to Magester discloses a mixer comprising a housing 17; inlet openings 21, 22; outlet opening 20; driveable mixer shaft 26; rigid mixer elements 32; insertion part 18; a deflection element 25, 36 including several helical deflection elements 36 arranged opposite each other about the axis; the shaft 26 received in the insertion part; inlet stubs leading to ducts 12, 13 having a radial portion and in fluid communication with the inlet openings 21, 22.

Allowable Subject Matter

11. Claims 21-33 would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112 and to include all of the limitations of the base claim and any intervening claims.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Charles Cooley whose telephone number is ~~(703) 308-0112~~.

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14. Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center 1700 receptionist whose telephone number is ☎ (703) 308-0651.

Dated: 9 August 2001



**Charles Cooley
Primary Examiner
Art Unit 1723**